

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	254	(239/533.11).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 14:45
S2	809	(239/533.12).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/21 17:28
S3	9	("2263197"   "2719055"   "2753217"   "4408722"   "6105879"   "6340017").PN. OR ("7185832"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:29

## EAST Search History

S4	95	("20010017325"   "20020008166"   "20020092929"   "20020144671"   "20020170987"   "20030127540"   "20030127547"   "20030141385"   "20030141387"   "20030173430"   "20030234005"   "20040050976"   "20040060538"   "20040104285"   "20040129806"   "3326191"   "4018387"   "4106702"   "4139158"   "4254915"   "4275845"   "4346848"   "4540126"   "4666088"   "4801095"   "4907748"   "5163621"   "5201806"   "5244154"   "5344081"   "5383597"   "5402943"   "5449114"   "5497947"   "5533482"   "5636796"   "5662277"   "5685485"   "5685491"   "5716001"   "5716009"   "5762272"   "5899390"   "5911366"   "5915352"   "5924634"   "5934571"   "6029913"   "6045063"   "6050507"   "6092743"   "6102299"   "6168094"   "6168095"   "6170763"   "6176441"   "6257496"   "6273349"   "6296199"   "6308901"   "6330981"   "6394367"   "6405945"   "6439482"   "6439484"   "6494388"   "6499674"   "6502769"   "6513724"   "6520145"   "6533197"   "6578778"   "6581574"   "6616072"   "6626381"   "6644565"   "6666388"   "6669103"   "6669116"   "6685112"   "6695229"   "6705274"   "6708904"   "6708905"   "6708907"   "6712037"   "6719223"   "6722340"   "6739525"   "6742727"   "6758420"   "6764033"   "6766969"   "6848636").PN. OR ("7185831"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:32
S5	15	("2927737"   "4934599"   "5211340"   "5890660"   "6247452"   "6257506").PN. OR ("6666388"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:34
S6	7	("5033679"   "5890660"   "6427932"   "6546914"   "6565017"   "6666388"   "6669117").PN. OR ("6892965").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:36
S7	8	("4470548"   "4658824"   "5738283"   "5890660"   "6047905").PN. OR ("6669117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:37

## EAST Search History

S8	15	("2927737"   "4934599"   "5211340"   "5890660"   "6247452"   "6257506").PN. OR ("6666388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:38
S9	7	("2627254"   "4528951"   "5020500"   "5159911"   "5241935").PN. OR ("6546914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:39
S10	8	("4273291"   "4417694"   "4934605"   "5743470"   "6062498"   "6186419").PN. OR ("6427932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:39
S11	7	("5033679"   "5890660"   "6427932"   "6546914"   "6565017"   "6666388"   "6669117").PN. OR ("6892965").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:40
S12	7	("2627254"   "4528951"   "5020500"   "5159911"   "5241935").PN. OR ("6546914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:42
S13	8	("4273291"   "4417694"   "4934605"   "5743470"   "6062498"   "6186419").PN. OR ("6427932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:43
S14	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:43
S15	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:55
S16	23	("1952816"   "3980237"   "4153205"   "4470548"   "4528951"   "5033679"   "5110053"   "5725157").PN. OR ("5890660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:56
S17	9	("3610529"   "3640466"   "4156560"   "4566416"   "5409165"   "5685483").PN. OR ("6247452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 17:58
S18	6	("20040055562"   "4382554"   "4407457"   "4857696"   "5899389"   "6338445").PN. OR ("7063272").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:04
S19	29	("0347647"   "1690893"   "4284043"   "4356977").PN. OR ("4382554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:05
S20	4	("4382554"   "6338445"   "6513733"   "6520145").PN. OR ("7159799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:07

## EAST Search History

S21	20	("4202500"   "4284043"   "4382554"   "4407457"   "4759334"   "5823446"   "5899389").PN. OR ("6338445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:07
S22	19	("20030172910"   "4285471"   "4356976"   "5628293"   "5899389"   "6003497"   "6024297"   "6220528"   "6247450"   "6260775"   "6279840"   "6338445"   "6378503"   "6418914"   "6431469"   "6557779"   "6601566"   "6684854"   "6725838").PN. OR ("6889658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:08
S23	29	("0347647"   "1690893"   "4284043"   "4356977").PN. OR ("4382554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/21 18:12
S24	6	("20040055562"   "4382554"   "4407457"   "4857696"   "5899389"   "6338445").PN. OR ("7063272").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:46
S25	1036	(239/533.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 07:46
S26	24	("4168804"   "4275844"   "5899389").PN. OR ("6378503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:59
S27	4	("20050172935"   "20050274828"   "6378503"   "6810857").PN. OR ("7117842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 07:59
S28	16	("4151958"   "4202500"   "4284043"   "4382554"   "4407457"   "4658824"   "5899389"   "6338445"   "6378503").PN. OR ("6616070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:01
S29	7	("1834061"   "4151958"   "4202500"   "5899389"   "6024297"   "6616070").PN. OR ("7143964").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:01
S30	16	("1834061").URPN.	USPAT	OR	ON	2007/03/22 08:02
S31	20	("4202500"   "4284043"   "4382554"   "4407457"   "4759334"   "5823446"   "5899389").PN. OR ("6338445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:24

## EAST Search History

S32	85	kuegler-thomas.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:37
S33	0	ingemar-nylund.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S34	0	nylund-ingemar-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S35	5	nylund-ingemar.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:38
S36	24	("1786946"   "1857256"   "4856713").PN. OR ("5199398"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 08:42
S37	817	(123/299).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 08:58
S38	150	(123/304).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 08:43
S39	187362	fuel with inject\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:58

## EAST Search History

S40	6257	S39 and (seal\$3 with seat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 08:59
S41	21306	S39 and (valv\$3 with seat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:00
S42	2322	S40 and needle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S43	646	S42 and (inner with valv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S44	628	S42 and (outer with valv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:02
S45	432	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:04
S46	2920	S40 and (valv\$3 with member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:03
S47	1059	S42 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:03

## EAST Search History

S48	12	("20030057298" "20030173428" "6565017").PN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 09:11
S49	259	(239/533.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:11
S50	847	(239/533.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:11
S51	1275	(239/585.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:12
S52	902	(239/88).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 15:20
S53	724	boecking-friedrich.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 15:20
S54	14	("1952816"   "2927737"   "4153205"   "4470548"   "5199398"   "5588412"   "5725157"   "5743470"   "5890660"   "6257506"   "6565017"   "6669117").PN. OR ("7128280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:28
S55	12	("4139158"   "4365746"   "4524914"   "5163621"   "5211340").PN. OR ("5743470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:29
S56	14	("1952816"   "2927737"   "4153205"   "4470548"   "5199398"   "5588412"   "5725157"   "5743470"   "5890660"   "6257506"   "6565017"   "6669117").PN. OR ("7128280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/28 15:29
S57	14	("1952816").URPN.	USPAT	OR	ON	2007/03/28 15:29